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Case Docket No. 57111-5072

Date: April 24, 2000

Sir:

Transmitted herewith for filing is a Continuation in Part patent application of 09/193,010 filed November 16, 1998 of:

Inventor(s): Mark Vincent SHOEN

For: FENDER WITH INDICIUM

Enclosed are:

Ten (10) Sheet(s) of drawing (☐ formal ☒ informal) + ___ extra copies

- ☒ An assignment of the invention to U-Haul International, Inc.
- ☐ Will follow.
- ☐ A certified copy of _____
from which priority is claimed in the subject case pursuant to Rule 55(b) and 35 USC 119(a)-(d).
- ☐ Will follow.
- ☒ A Power of Attorney by Assignee and Exclusion of Inventor Under Rule 3.71.
- ☐ A Verified Statement to Establish Small Entity Status under 37 CFR 1.9 and 37 CFR 1.27.
- ☒ Declaration
- ☒ Recordation Form Cover Letter (Form PTO 1595)
- ☒ Information Disclosure Statement (Form PTO 1449), with 7 attachments
- ☐ Petition to Make Special under 37 CFR §1.102 and MPEP §708.02(VIII).

FOR:	NO. FILED	NO. EXTRA	SMALL ENTITY		OR	OTHER THAN SMALL ENTITY	
			RATE	FEE		RATE	FEE
BASIC FEE				\$ 345			\$ 690
TOTAL CLAIMS	26 - 20	6	x 9 =	\$	OR	x 18 =	\$ 108
INDEP CLAIMS	2 - 3	-0-	x 39 =	\$	OR	x 78 =	\$ -0-
MULTIPLE DEPENDENT CLAIMS PRESENTED			+ \$130			+\$260	
TOTAL				\$			\$ 798

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Respectfully submitted,


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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of:
Mark Vincent SHOEN

Group Art Unit:

Serial No. UNASSIGNED

Examiner:

Filed: HEREWITH

For: FENDER HAVING OFFSET LIGHT
HOUSING

CERTIFICATE OF MAILING

Box Patent Application
Assistant Commissioner for Patents
Washington, D.C. 20231

I hereby certify that a Patent Application Transmittal Form 1082 (duplicate); Specification - Twenty four (24) pages including ten (10) sheets of Informal Drawings; Check No. 130244 in the amount of \$ 798; Declaration; Power of Attorney by Assignee and Exclusion of Inventor; Recordation Form Cover Letter; Assignment; Check No. 130239 in the amount of \$ 40; Information Disclosure Statement (including Form PTO 1449) with Seven (7) references and return postcard are being deposited with the United States Postal Service, postage prepaid, Express Mail No. EL147382217US on the date indicated below and addressed to: Box Patent Application, Assistant Commissioner for Patents, Washington, D.C. 20231.

April 24, 2000

(Date of Deposit)

Janet Kornbluth

(Name of Person Mailing Paper or Fee)

Janet Kornbluth

(Signature)

**APPLICATION FOR
UNITED STATES PATENT
IN THE NAME OF**

MARK VINCENT SHOEN

FOR

FENDER HAVING OFFSET LIGHT HOUSING

DOCKET NO. 57111-5072

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FENDER HAVING OFFSET LIGHT HOUSING

This application is a continuation-in-part of Application Ser. No. 09/193,010, filed November 16, 1998, the entirety of which is incorporated herein by reference.

5

Field of the Invention

The present invention relates to trailer and tow dolly fenders and more particularly to a trailer and tow dolly fender having an offset light housing.

10

Background of the Invention

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Trailers and tow dollies typically include two or more conventional fenders that have a substantially convex or square cornered shape. Objects, for example, an automobile, that fit between the fenders can only be a limited width and still fit thereon. An automobile typically has a convex side profile. A light housing mounted on the fender or the top inner corner of a conventional fender come into the closest proximity with the side of the automobile. If the automobile exceeds the maximum allowable width between the light housings mounted on the fenders it cannot fit onto the trailer or tow dolly, and therefore must be placed on a wider trailer or tow dolly to be towed. However, wider trailers or tow dollies are larger, heavier and more expensive. Also, a wider trailer or tow dolly may not be available if the overall width of the first trailer or tow dolly was already the maximum allowable by law.

25

While trailers typically carry the entire weight of a vehicle-in-tow by supporting both axles away from contact with the road surface, tow dollies support only one axle, leaving the tires of the second axle in contact with the road surface whereby the tow dolly does not carry the portion of vehicle weight apportioned to that axle. These tow dollies include a platform mounted on an axle on which the front (or rear) wheels of a vehicle to be towed are mounted. A pair of loading ramps extend from

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the platform for driving the front (or rear) wheels of the vehicle onto the platform. The tongue of the tow dolly extends forwardly of the axle and the platform to the towing vehicle. The towing vehicle and tow dolly are typically connected via a hitchball coupler. When a vehicle is loaded on the tow dolly, the platform is constructed such that the axle of the vehicle is located forward of the axle of the tow dolly, relative to the forward towing direction. This transfers a portion of the weight of the vehicle to be towed, with the axle acting as a fulcrum, and a resulting downward force component acting through the hitchball coupler. Such force is desirable and can beneficially affect handling of the towing vehicle/vehicle-in-tow combination.

As illustrated in Figures 1-2, tow dollies, which support only one axle of a vehicle-in-tow, have a great need of clearance between the body of the vehicle-in-tow and the tow dolly fender/light housing, because of lateral angular movement of the vehicle-in-tow (and the platform to which it is affixed) that is typical during turning maneuvers. This movement swings the vehicle-in-tow into closer proximity to the tow dolly fender and light housing. Figure 1 shows a top plan view of a typical tow dolly 1 having two fenders 2, two ramps 3, an axle 4, a tongue 5 and a platform 6 extending between the fenders 2. During a turning maneuver, as shown in Figure 2, the platform 6 and the vehicle-in-tow (not shown, however, the ovals on the platform 6 represent tire placement) thereon pivot. This causes the body of the vehicle to come into closer proximity or contact with the fender.

A long felt need exists for a fender design that increases the width of the load able to be carried thereon without increasing the overall width of the trailer or tow dolly. A further need exists for a tow dolly wherein an increased portion of the weight of the vehicle to be towed is distributed to the hitchball coupler, and, therefore, the towing vehicle for improved handling.

Summary of the Preferred Embodiments

In accordance with one aspect of the present invention, there is provided a fender having an offset light housing.

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In preferred embodiments the fender defines a midline, with respect to which the light housing is offset and the fender includes a clearance increasing portion.

5 In another preferred embodiment, the fender includes a top portion to which the light housing is attached, with the clearance increasing portion extending from the top portion at a non-zero acute angle.

In another preferred embodiment, the clearance increasing portion is concave.

10 In additional preferred embodiments, the top portion is curved in a longitudinal direction and the angle at which the clearance increasing portion extends from the top portion is between about 30° and 60°. Also, the fender includes an inner wall that extends from the clearance increasing portion and an outer wall that extends from the outer edge of the top portion.

In additional preferred embodiments, the top portion includes a substantially flat middle section and two curved end sections, or the top portion includes a plurality of planar sections.

15 In accordance with another aspect of the present invention, there is provided a combination of a trailer and at least one fender having an offset light housing.

20 In accordance with another aspect of the present invention, there is provided a tow dolly including one or more axles each having two wheels rotatably mounted at opposite ends thereof, two fenders including an offset light housing and a clearance increasing portion, a tongue extending forwardly from the forward-most axle, and a platform mounted on the axle. Each fender partially surrounds one of the wheels. In a preferred embodiment, the platform is positioned such that when a vehicle to be towed is mounted on the trailer, a front axle of the vehicle to be towed is positioned forwardly of the forward-most axle of the trailer.

25 Other objects, features and advantages of the present invention will become apparent to those skilled in the art from the following detailed description. It is to be understood, however, that the detailed description and specific examples, while indicating preferred embodiments of the present invention, are given by way of illustration and not limitation. Many changes and modifications within the scope of

the present invention may be made without departing from the spirit thereof, and the invention includes all such modifications.

Brief Description of the Drawings

5 The invention may be more readily understood by referring to the accompanying drawings in which

Figure 1 is a top view of a typical prior art tow dolly having one axle.

Figure 2 is a top view of the tow dolly of Figure 1 showing the angular movement of the platform during a turning maneuver.

10 Figure 3 is a rear view of an auto trailer having two fenders which each include an offset light housing and a clearance increasing portion in accordance with a first embodiment of the present invention.

15 Figure 4 is a side elevation of a fender including an offset light housing and a clearance increasing portion adapted to partially surround one tire in accordance with a first embodiment of the present invention.

Figure 5 is a top plan view of the fender and offset light housing of Figure 2.

Figure 6 is a rear elevation of the fender and offset light housing of Figure 2.

Figure 7 is a sectional rear elevation of the fender taken along line 5-5 of Figure 3.

20 Figure 8 is a perspective view of a fender including an offset light housing and a clearance increasing portion secured thereon in accordance with a first embodiment of the present invention.

25 Figure 9 is a sectional rear elevation of a fender showing a concave clearance increasing portion in accordance with an alternative embodiment of the present invention.

Figure 10 is a side elevation of a fender including an offset light housing and a clearance increasing portion adapted to partially surround two tires in accordance with a second embodiment of the present invention.

30 Figure 11 is a side elevation of an alternative embodiment of the fender of Figure 8.

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Figure 12 is a side elevation of an alternative embodiment of the fender of Figure 8 showing the opposite side of Figure 9.

Figure 13 is a rear elevation of a fender including an offset light housing in accordance with a third embodiment of the present invention.

5 Figure 14 is a side elevation of the fender and offset light housing of Figure 13.

Figure 15 is a top plan view of a single axle tow dolly having a forwardly positioned platform in accordance with another embodiment of the present invention. The wheel and axle placement of a vehicle to be towed is shown in phantom.

10 Figure 16 is an elevational view of the front portion of a vehicle to be towed mounted on the single axle tow dolly of Figure 13 showing the axle of the vehicle to be towed positioned forwardly of the axle of the tow dolly.

Like numerals refer to like parts throughout the several views of the drawings.

Detailed Description of the Preferred Embodiments

15 Referring to Figure 3, an auto trailer 12 having two beveled edge fenders 10 that each include an offset light housing 60 according to a first embodiment of the invention is shown. Conventional fender shapes and designs are well known in the art. It should be understood that the fender design to which is added an offset light housing (as described herein) is not meant to be a limitation on the present invention.

20 It will be appreciated that terms such as "forward," "above," "forwardly" and other positionally descriptive terms used hereinbelow are used merely for ease of description and refer to the orientation of the components as shown in the Figures. It should be understood that any orientation of the elements described herein is within the scope of the present invention.

25 As illustrated herein, the fender is provided in combination with a tow dolly for towing objects, such as automobiles. However, neither the type of trailer or tow dolly nor the object which can be towed thereon is meant to be a limitation on the present invention. The fender can be used on trailers having any number of wheels or axles. The fender can be used on trailers or tow dollies provided for towing automobiles, trucks, boats, motorcycles, personal watercraft, heavy equipment,
30 motor homes, etc.

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The conventional auto trailer 12 includes a frame 14 having at least one axle 16 with wheels 18 and tires 30 mounted thereon rotatably mounted at opposite ends of axle 16. Fenders 10 are secured to the frame 14 and over the tires 30 by a conventional method, such as welding or securing means, such as threaded fasteners, rivets or the like. The fenders 10 also can be integral with the trailer. It should be understood that a right-side fender is typically a mirror image of a left-side fender.

Referring to Figures 4-9, the fender 10 is adapted to partially surround at least one tire 30. Preferably, the fender 10 has a top portion 20 that is generally curved in a longitudinal direction to form a concavity in which a wheel and tire assembly 18, 30 is disposed, and substantially flat in a lateral direction to cover a lateral extent of tire 30, as shown in Figures 7 and 9. Alternatively, the top portion 20 can be curved in a lateral direction, or the top portion 20 can be planar. The top portion 20 has an inside edge 20a and an outside edge 20b. The light housing 60 is secured to the top portion 20 by conventional securing means such as threaded fasteners, rivets, glue, welding or the like.

The light housing 60 includes a base portion 62 and a raised portion 64 that is adapted to receive a light fixture, as shown in Figure 8. Preferably, the base portion 62 conforms to the shape of the portion of the fender 10 to which it is secured (preferably, the top portion 20). The raised portion 64 has a generally conical shape. However it should be understood that the raised portion 64 can be any advantageous geometric shape, such as cylindrical, rectangular, square, etc. The raised portion 64 defines an opening 66 in which a lens or the like can be disposed. The raised portion 64 also defines an opening 70 through which wire(s) 72 that electrically connect the light fixture to an energy source extend. Preferably, the light housing 60 is vacuum formed and comprises a plastic, fiberglass, metal or other rigid material. However, the entire fender 10 including the light housing 60 can be formed as one continuous structure.

In an alternative embodiment, the fender can include a raised edge portion 36 as shown in Figure 8. In this embodiment, the base portion 62 of the light housing 60 includes a corresponding raised edge portion 68 overlapping the raised edge

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portion 36. The secure fit between the raised edge portions 36 and 68 aids in aligning the light housing 60 when secured to fender 10.

5 With reference to Figure 7 and according to a first preferred embodiment, a clearance increasing portion 22 having a width W extends downwardly from the inside edge 20a of the top portion 20 at a non-zero, acute angle θ . Preferably, angle θ is between about 1° and about 89° ; more preferably angle θ is between about 40° and about 50° , and most preferably angle θ is 45° . Preferably, the width W of the clearance increasing portion 22 is at least the maximum possible, still leaving necessary clearance for the tire, however, any width W is within the scope of the present invention. Alternatively, the clearance increasing portion 22 may be concave, as shown in Figure 9, or V-shaped.

10 Preferably, the fender 10 includes opposed outer and inner vertical walls 24 and 26. The outer vertical wall 24 extends downwardly from the outer edge 20b of the top portion 20 in a generally vertical direction, and the inner vertical wall 26 extends downwardly from the clearance increasing portion 22 in a generally vertical direction. Alternatively, the outer vertical wall 24 and the inner vertical wall 26 can extend at an angle, or can be curved. The fender 10 has defined therein a fender interior 28 adapted to receive at least one tire 30.

15 The elements of fender 10 (the top portion 20, the clearance increasing portion 22, the outer vertical wall 24, and the inner vertical wall 26) preferably are comprised of a rigid material, for example, a metal such as steel or aluminum, a plastic, fiberglass, etc. Also, fender 10 can be formed as one continuous piece, or two or more separate elements can be attached to one another by a conventional attachment method such as welding, fastening with bolts or the like.

20 Preferably, the bottom edge 26a of the inner vertical wall 26, the bottom edge 20c of the top portion 20, and the bottom edge 22a of the clearance increasing portion 22 lie in a common plane, thereby defining an opening 32 through which the tire 30 can protrude, as shown in Figures 6 and 7. Alternatively, the bottom edge of the outer vertical wall 24a can lie in the same plane as the other bottom edges 20c,

22a and 26a, or the bottom edges 24a, 20c, 22a and 26a can lie in two or more different planes.

5 The fender 10 defines a bifurcating midline M, as shown in Figure 5, that runs longitudinally through the fender 10. Preferably, the light housing 60 is mounted in an offset position to the outside of the midline M. That is, the light housing 60 is mounted such that a majority of the raised portion 64 is positioned on the side of the midline M closer to the outside edge 20b of the top portion 20, as shown in Figure 5, or between midline M and outer edge 20b. Alternatively, the entire light housing 60 can be mounted outside of the outside edge 20b.

10 It will be appreciated by those skilled in the art that the design configuration of the width W of the clearance increasing portion 22 and the angle θ in combination with the placement of the light housing 60 should preferably be such that the width W2 (Figure 3) of the object placed on the trailer or tow dolly 12 is maximized, while simultaneously allowing the tire 30 within the fender interior 28 operating room
15 without coming into contact with the inner edge of the clearance increasing portion 22.

Any fender that includes an offset light housing 60 is within the scope of the present invention. It will be appreciated by those skilled in the art that many embodiments having an offset light housing 60 are possible. For example, the fender
20 10 can omit the inner vertical wall 26 or the outer vertical wall 24, or both, as well as portions thereof. Also, the top portion can be planar or have a U-shaped or bell-shaped cross section, or the entire fender can have a U-shaped or bell-shaped cross section. Also, the fender 10 can include opposed substantially vertical end walls.

A second preferred embodiment is shown in Figures 10-12, where same or
25 similar index numbers denote same or similar components as in the first preferred embodiment 10. In this embodiment, a fender 100 is provided for partially surrounding two wheel-mounted tires 30. The fender 100 includes a top portion 102 that preferably has a substantially flat middle section 101 and curved end sections 103, as shown in Figure 10. Alternatively, the top portion 102 can include a
30 plurality of planar sections that connect at angles, as shown in Figures 11 and 12.

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In this embodiment, the fender includes an offset light housing 80 that is constructed to conform to the shape of fender 100. The fender 100 can also include a clearance increasing portion 104 as shown in Figures 8-9, similar to clearance increasing portion 22.

5 A third preferred embodiment is shown in Figures 13-14. In this embodiment, the offset light housing 60 is secured to a conventional fender 140 (a fender without a clearance increasing portion) in a manner similar to that described above.

10 It should be understood that fenders including an offset light housing that partially surround any number of wheels are within the scope of the present invention. For example, a fender may surround a plurality of wheels rotatably mounted on the same axle or a plurality of wheels rotatably mounted on separate axles.

15 Figures 15-16 show yet another embodiment of the present invention. Fender 10 can be included on a tow dolly 110 having a single axle 112 with a pair of wheels 18 (including tires 30) rotatably mounted at the opposite ends of the axle 112. The tow dolly 110 includes a platform/tire tray 114 mounted above the axle 112 on which the front (or rear) tires 116 of a vehicle to be towed 118 are mounted. In Figure 15, the tires 116 and front axle 117 of the vehicle to be towed 118 are shown in phantom to illustrate their approximate positioning relative to platform 114 and axle 112. A pair of loading ramps 120 extend rearwardly from the platform 114 for driving the front tires 116 of the vehicle to be towed 118 onto the platform 114. A tongue 122 extends forwardly of the axle 112 and the platform 114 to the towing vehicle (not shown). The towing vehicle and tow dolly 110 are typically connected via a hitchball coupler 124. It should be noted that ramps on tow dolly, such as those described above, may or may not be retractable. Figure 15 illustrates fixed-length tilting ramps that are not retractable. Both types of ramps are common. It should be understood that ramp type is not a limitation on the present invention.

20 The inclusion of fender 10 having offset light housing 60 thereon allows the platform 114 to be placed in a position wherein the vehicle to be towed 118 can be moved forward relative to its positioning on a conventional tow dolly, as previously

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described. In a preferred embodiment, this forward positioning of the vehicle to be towed 118 results in the axle 117 of the vehicle to be towed 118 being positioned forward of the axle 112 of the tow dolly 110. That is, with reference to Figure 16, the vertical plane P1 extending through axle 117 of the vehicle to be towed 118 is spaced forwardly from the vertical plane P2 extending through axle 112 of tow dolly 110 by a distance D. This positioning distributes a portion of the weight of the vehicle to be towed 118 to the hitchball coupler 124, and ultimately to the towing vehicle, thereby minimizing handling problems related to towing. It will be understood that the forward positioning concept can be applied to a tow dolly with multiple axles as well. A skilled artisan will be able to make such a modification.

In a further embodiment, the platform 114 can be narrowed with respect to its longitudinal axis, thereby defining more space between the outer edges of the platform, and the inner edges/surfaces of the fenders 10/tires 30. This arrangement further reduces the possibility of damage to the vehicle to be towed 118 by expanding the space through which the vehicle 118 must pass to come into contact with the fender 10 during a turn or other maneuver. It will be understood that platform 114 is narrowed as compared with conventional platforms of single (or multiple) axle tow dollies.

What is claimed is:

1. A fender having a longitudinal midline, and a light housing mounted to said fender offset from said midline.
2. The fender of claim 1 wherein said fender has an external surface having a shape, and wherein said light housing comprises a base portion that conforms to at least a portion of said shape of said fender.
3. The fender of claim 2 wherein said light housing further comprises a raised portion adapted to receive a light fixture.
4. The fender of claim 1 further comprising a clearance increasing portion.
5. The fender of claim 4 further comprising a top portion, wherein said light housing is attached to said top portion, and wherein said clearance increasing portion extends downward from said top portion at a non-zero acute angle.
6. The fender of claim 5 wherein said angle is between about 1° and about 89°.
7. The fender of claim 5 wherein said angle is between about 40° and about 50°.
8. The fender of claim 5 further comprising an inner wall, wherein said inner wall extends from said clearance increasing portion.
9. The fender of claim 8 further comprising an outer wall, wherein said top portion has an inner edge from which said clearance increasing portion extends and an outer edge from which said outer wall extends.

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10. The fender of claim 5 wherein said top portion further comprises a substantially flat middle section and two curved end sections.

11. The fender of claim 5 wherein said top portion comprises a plurality of planar sections.

12. The fender of claim 11 wherein said angle is between about 1° and about 89° .

13. The fender of claim 11 wherein said angle is between about 40° and about 50° .

14. The fender of claim 12 further comprising an inner wall, wherein said inner wall extends from said clearance increasing portion.

15. The fender of claim 14 further comprising an outer wall, wherein said outer wall extends from said top portion.

16. The fender of claim 15 wherein said top portion is curved in a longitudinal direction.

17. The fender of claim 4 further comprising a top portion, wherein said light housing is attached to said top portion, and wherein said clearance increasing portion is concave and extends from said top portion.

18. The fender of claim 17 wherein said top portion comprises inner and outer edges, and wherein said concave clearance increasing portion extends from said inner edge of said top portion.

19. A trailer comprising the fender of claim 1.

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20. A tow dolly comprising the fender of claim 1.
21. A trailer comprising the fender of claim 4.
22. A tow dolly comprising the fender of claim 4.
23. A trailer comprising a plurality of fenders of claim 1.
24. A tow dolly comprising a plurality of fenders of claim 1.
25. A tow dolly comprising:
 - (a) at least one axle having two wheels rotatably mounted at opposite ends thereof,
 - (b) at least two fenders each including an offset light housing and a clearance increasing portion, wherein each said fender partially surrounds at least one of said wheels,
 - (c) a tongue extending forwardly of said axle, and
 - (d) a platform mounted on said axle.
26. The tow dolly of claim 25 wherein said platform is positioned such that when a vehicle to be towed is mounted on said tow dolly, a front axle of said vehicle to be towed is positioned forwardly of said axle of said tow dolly.

Abstract

Disclosed is a fender including an offset light housing installed on a trailer or tow dolly for towing a vehicle or other piece of equipment. In a preferred embodiment the fender further includes a clearance increasing portion. The fenders minimize the possibility of damage to the vehicle or other piece of equipment. Also disclosed is a tow dolly including a tire platform that is positioned such that when an automobile is placed on the tow dolly, the axle of the automobile is positioned forwardly of the front-most axle of the tow dolly.

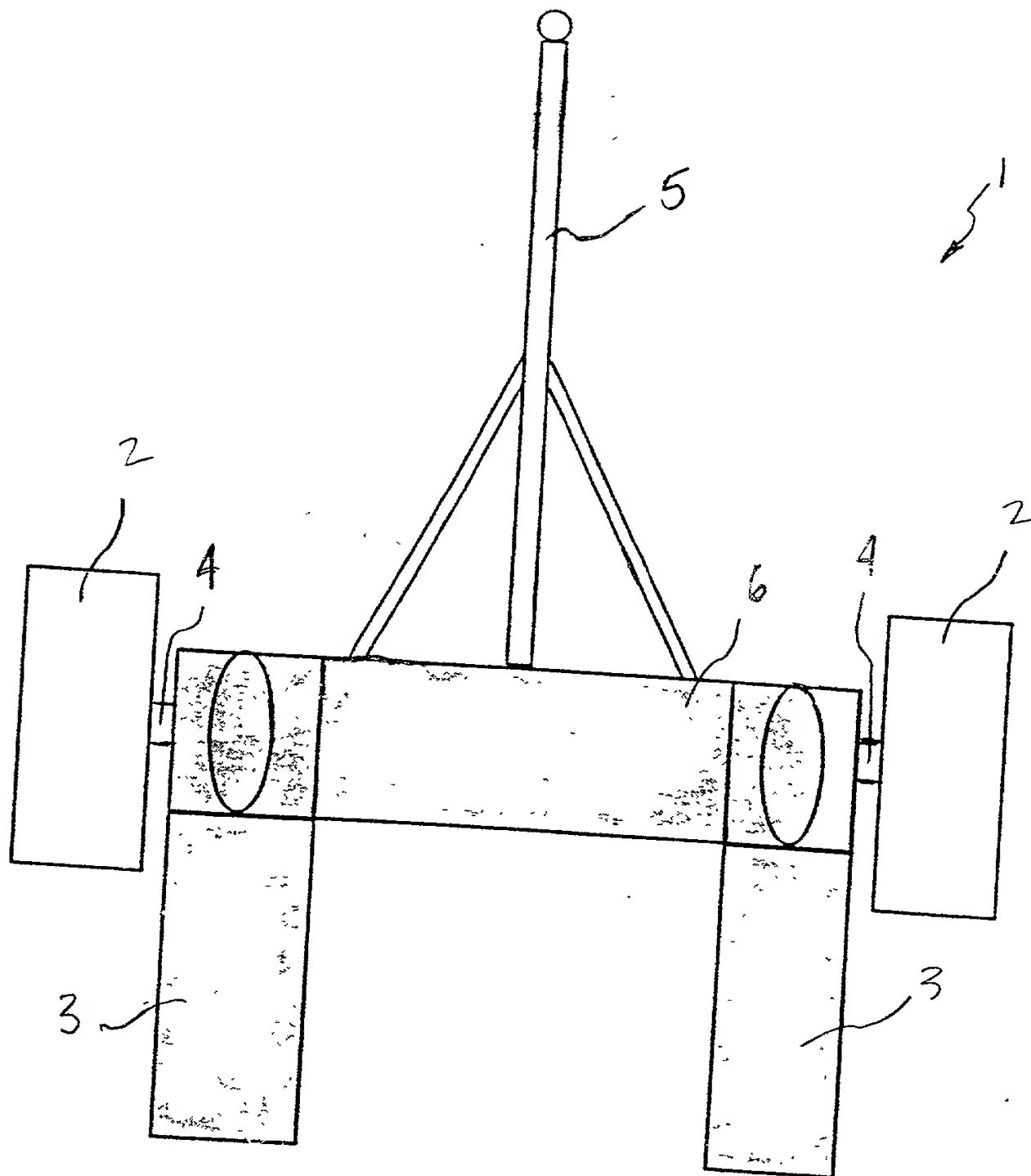


FIG 1
(PRIOR ART)

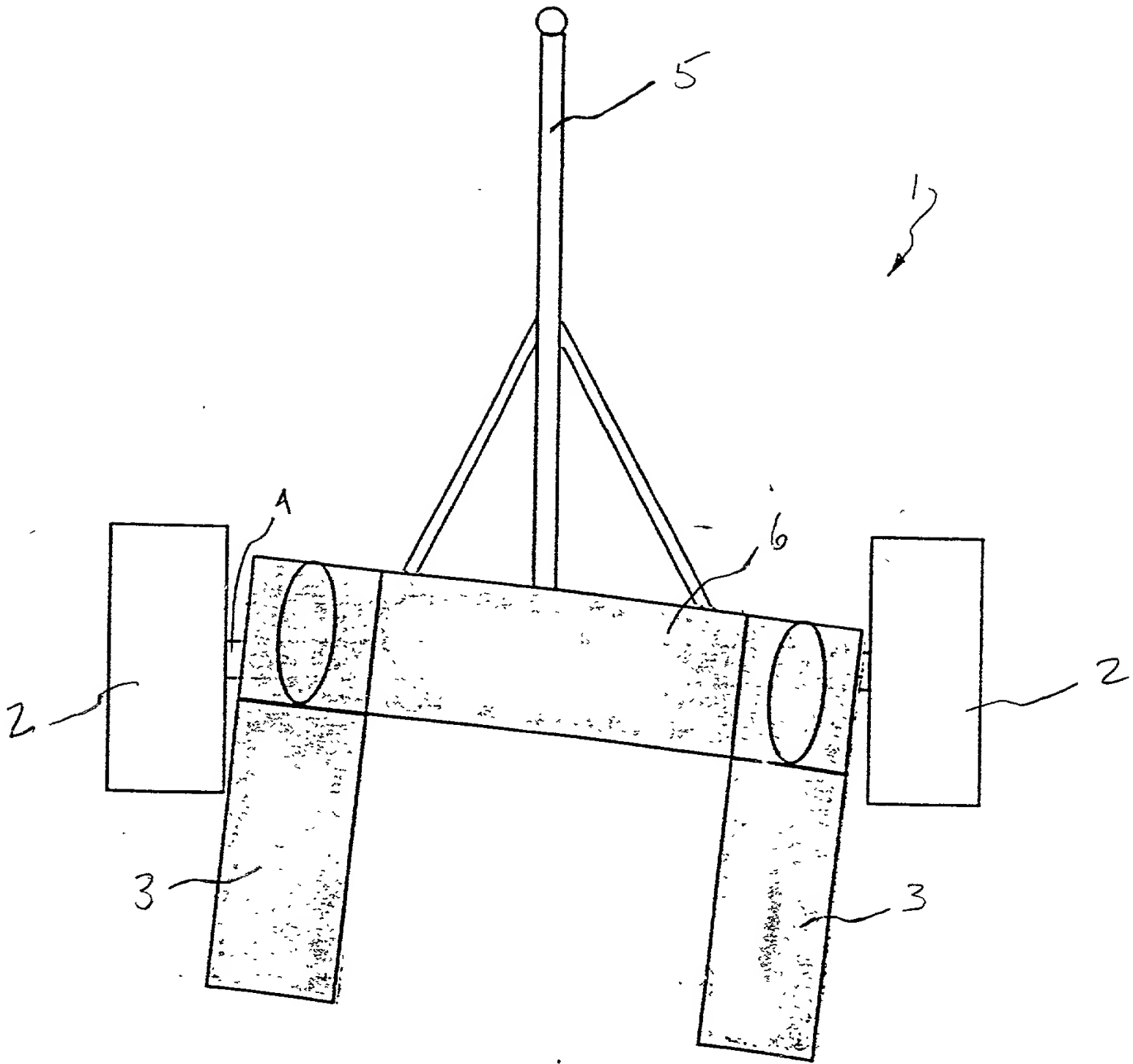


FIG. 2
(PRIOR ART)

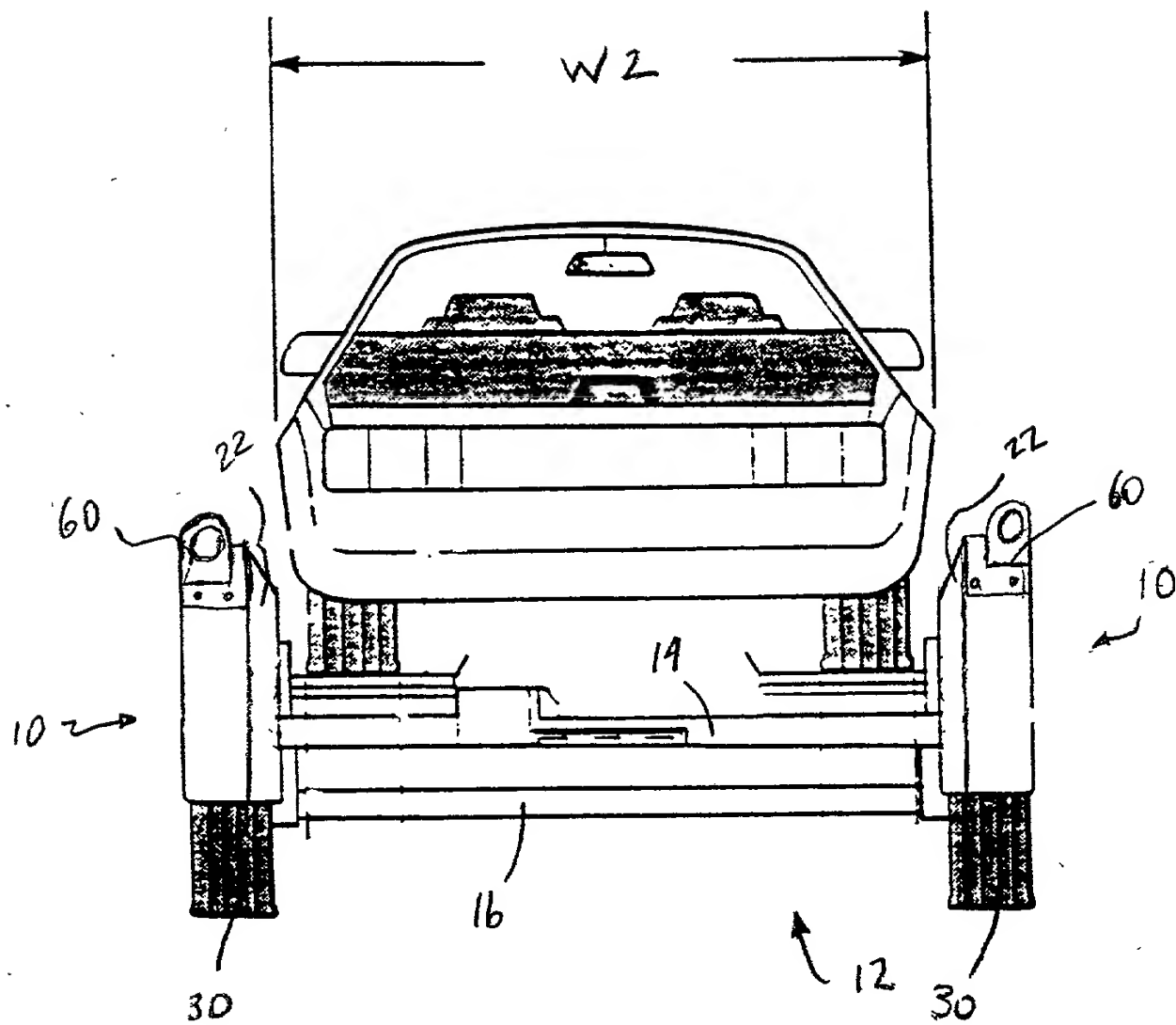


FIG. 3

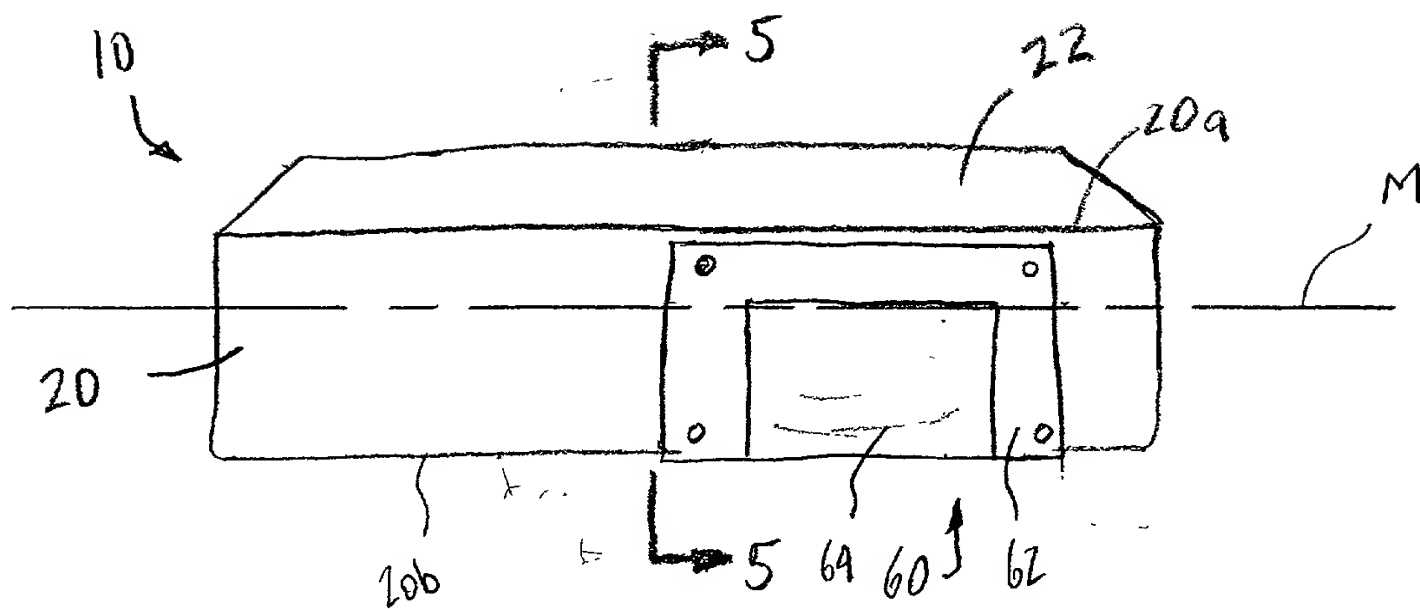


FIG. 5

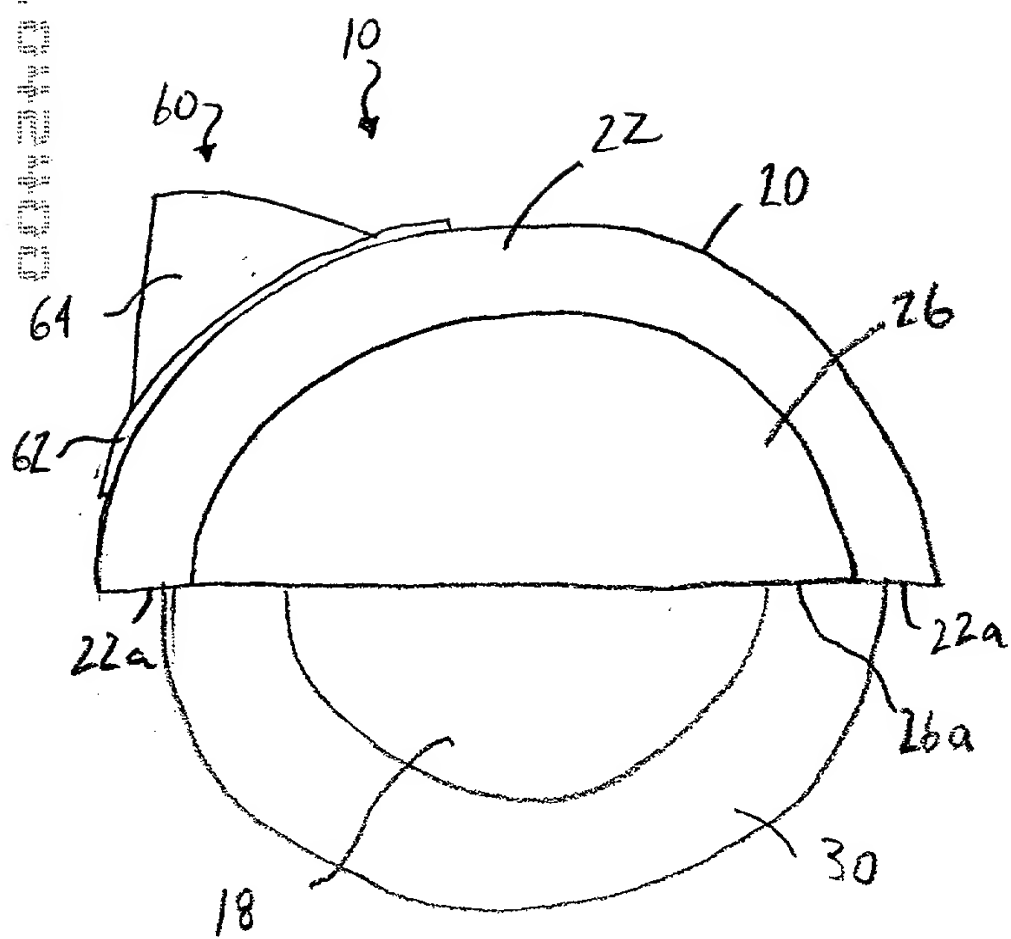


FIG. 4

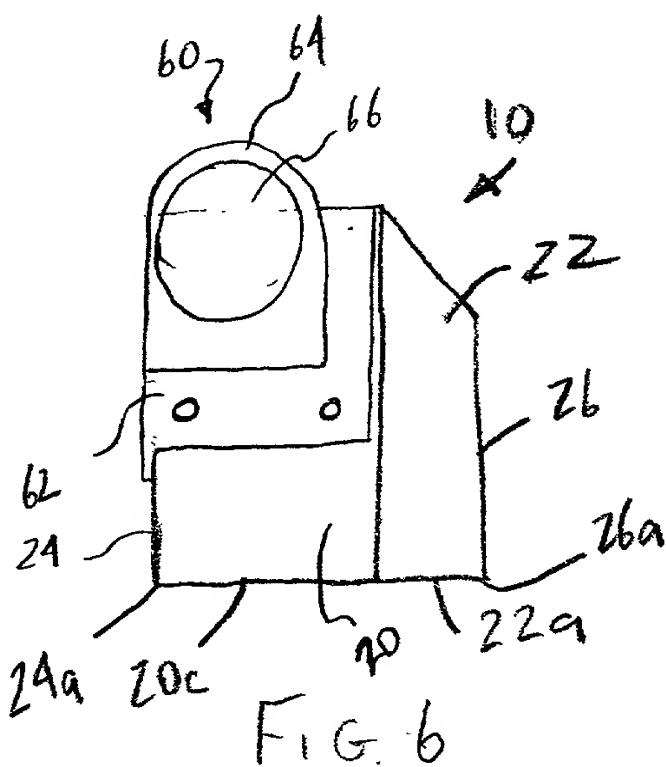


FIG. 6

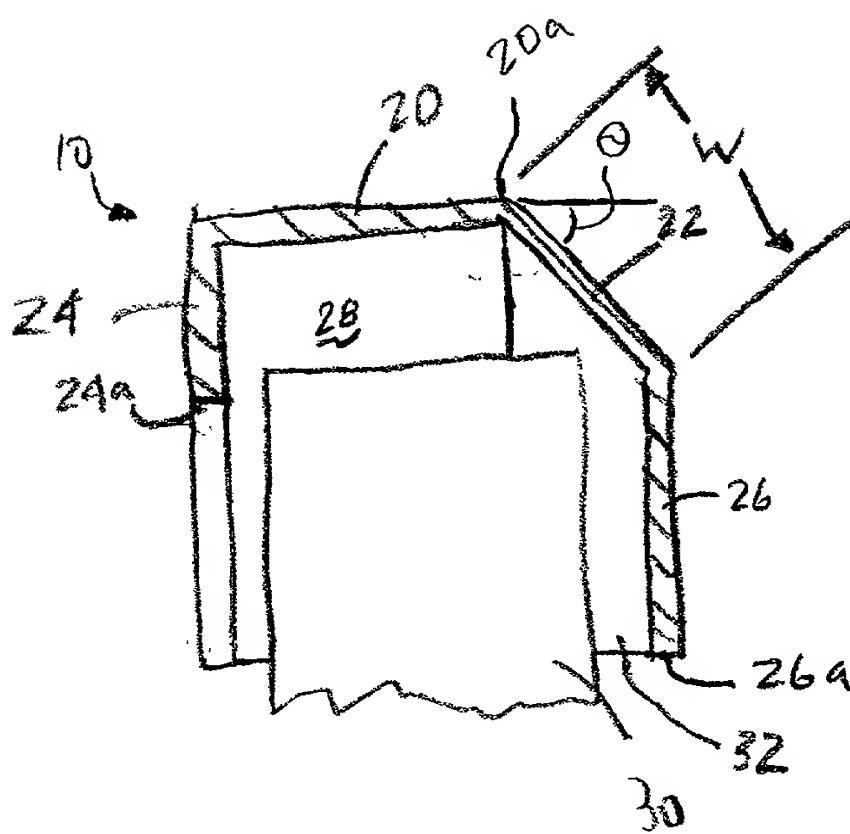


FIG 7

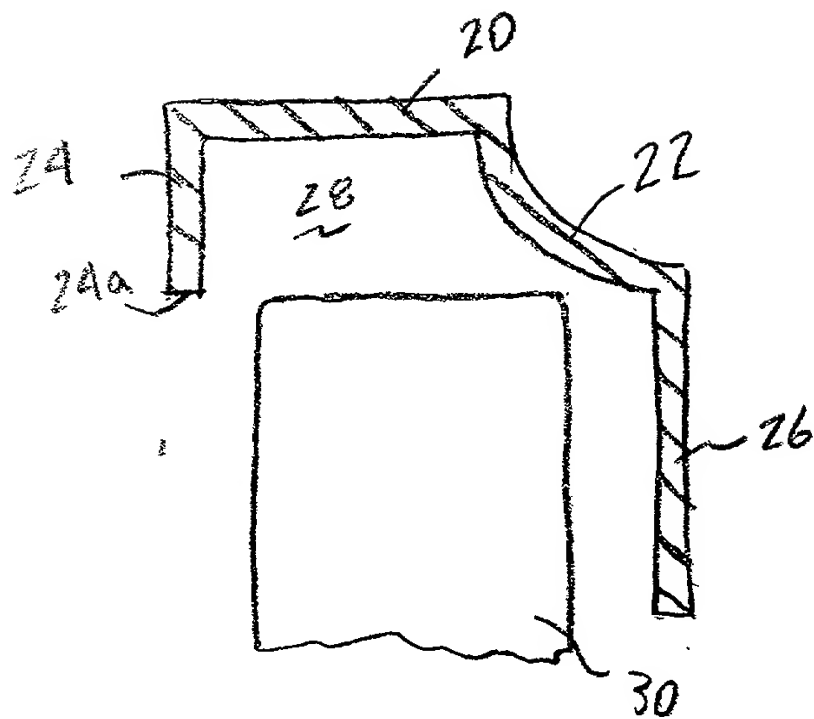


FIG. 9

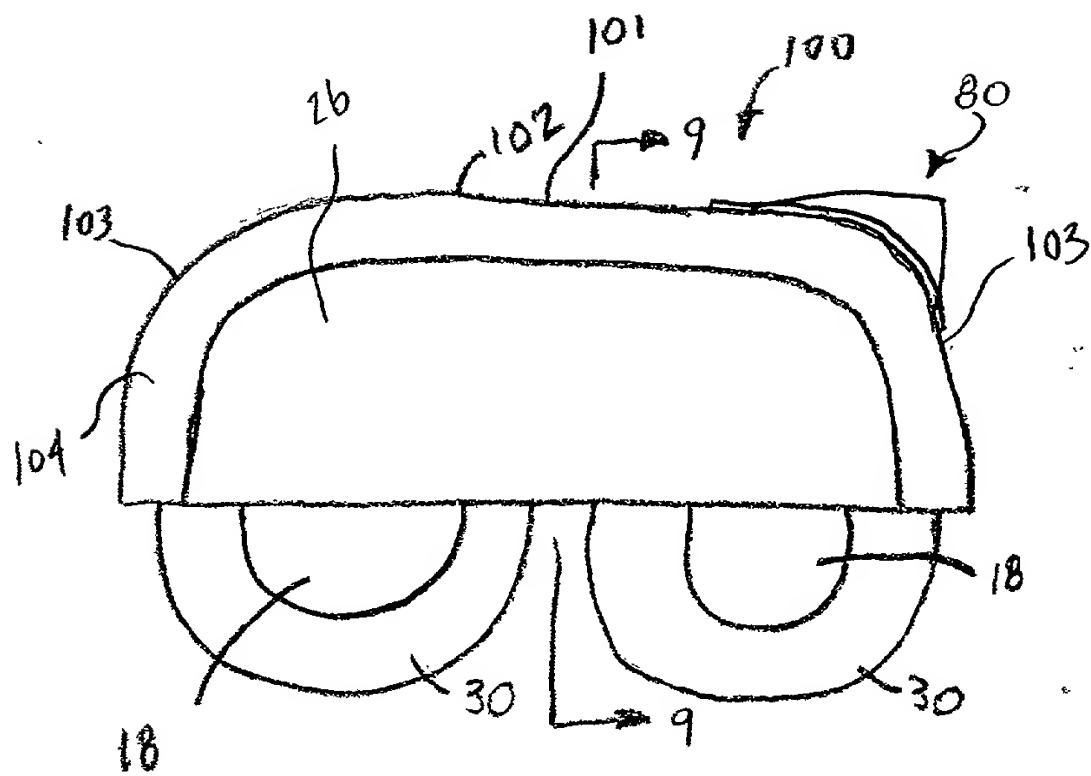


FIG. 10

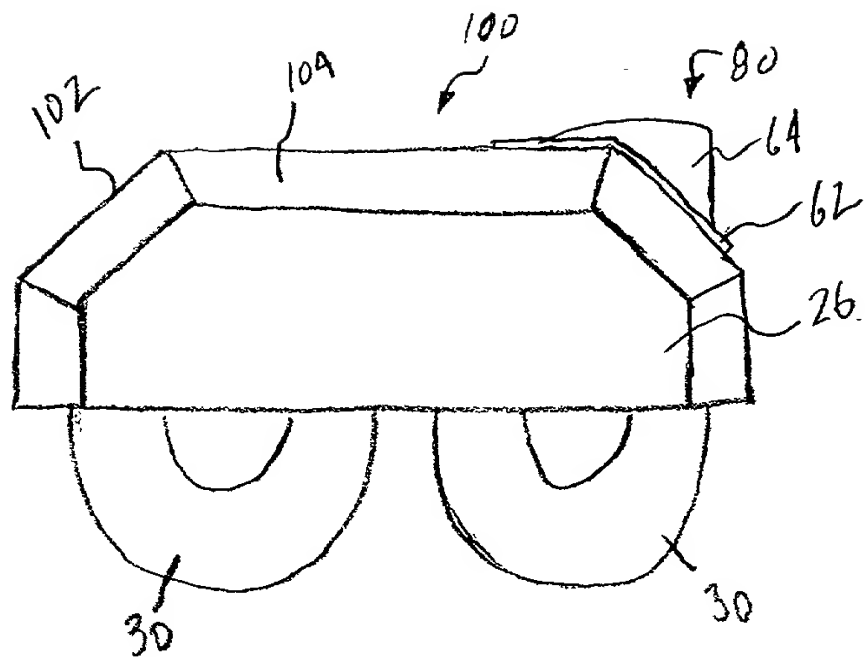


FIG. 11

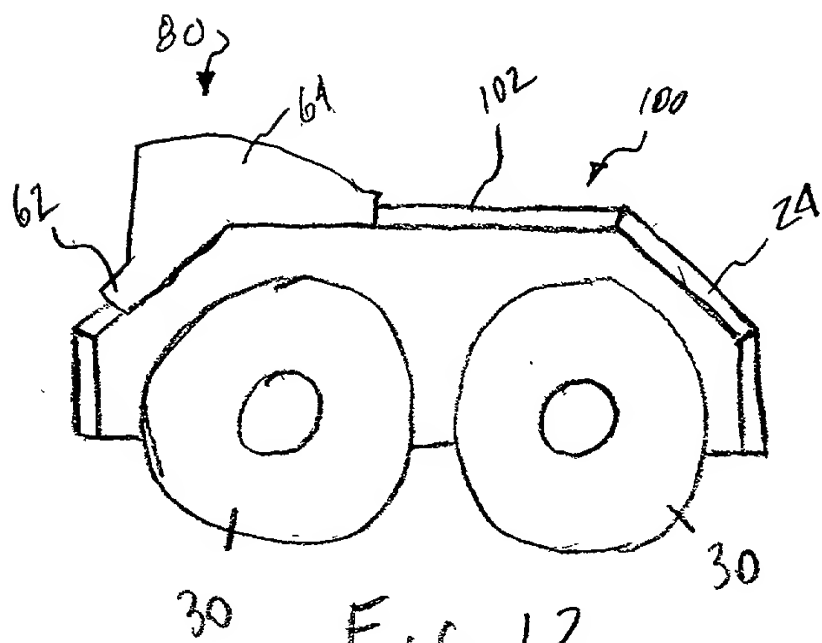


FIG. 12

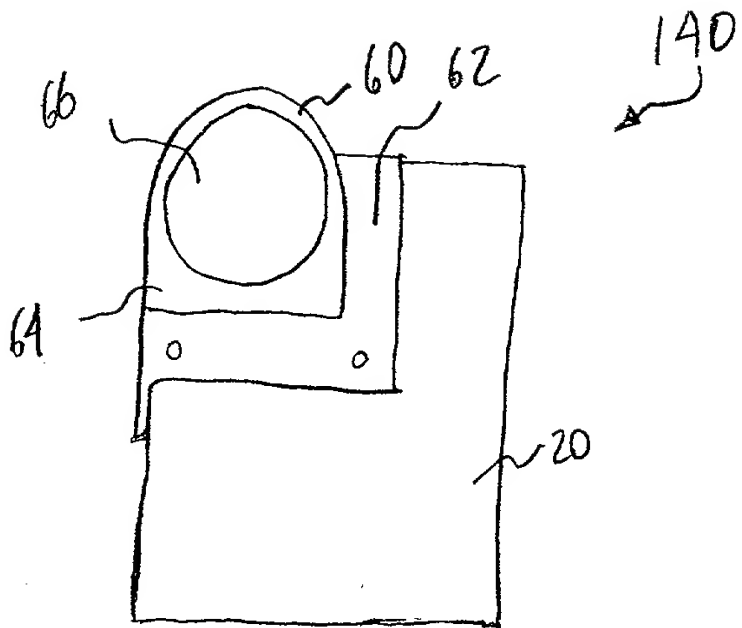


FIG. 13

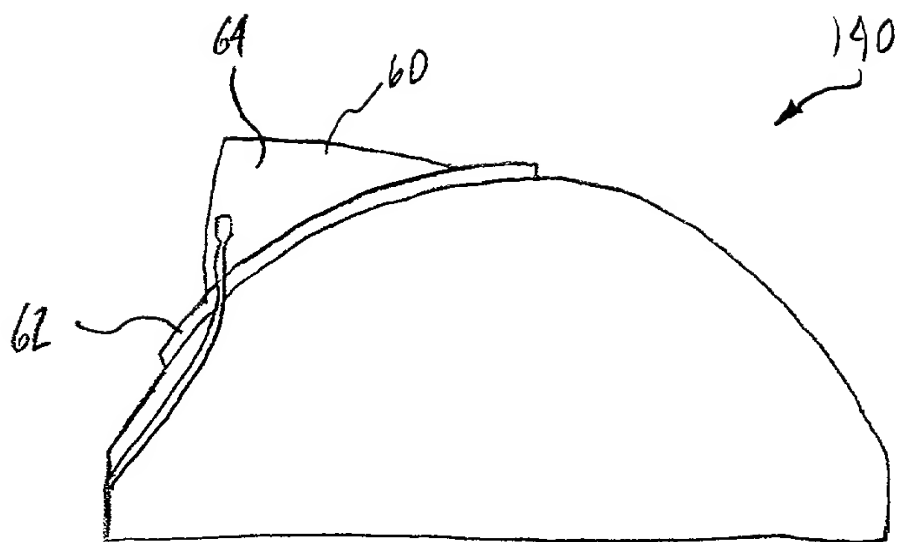


FIG. 14

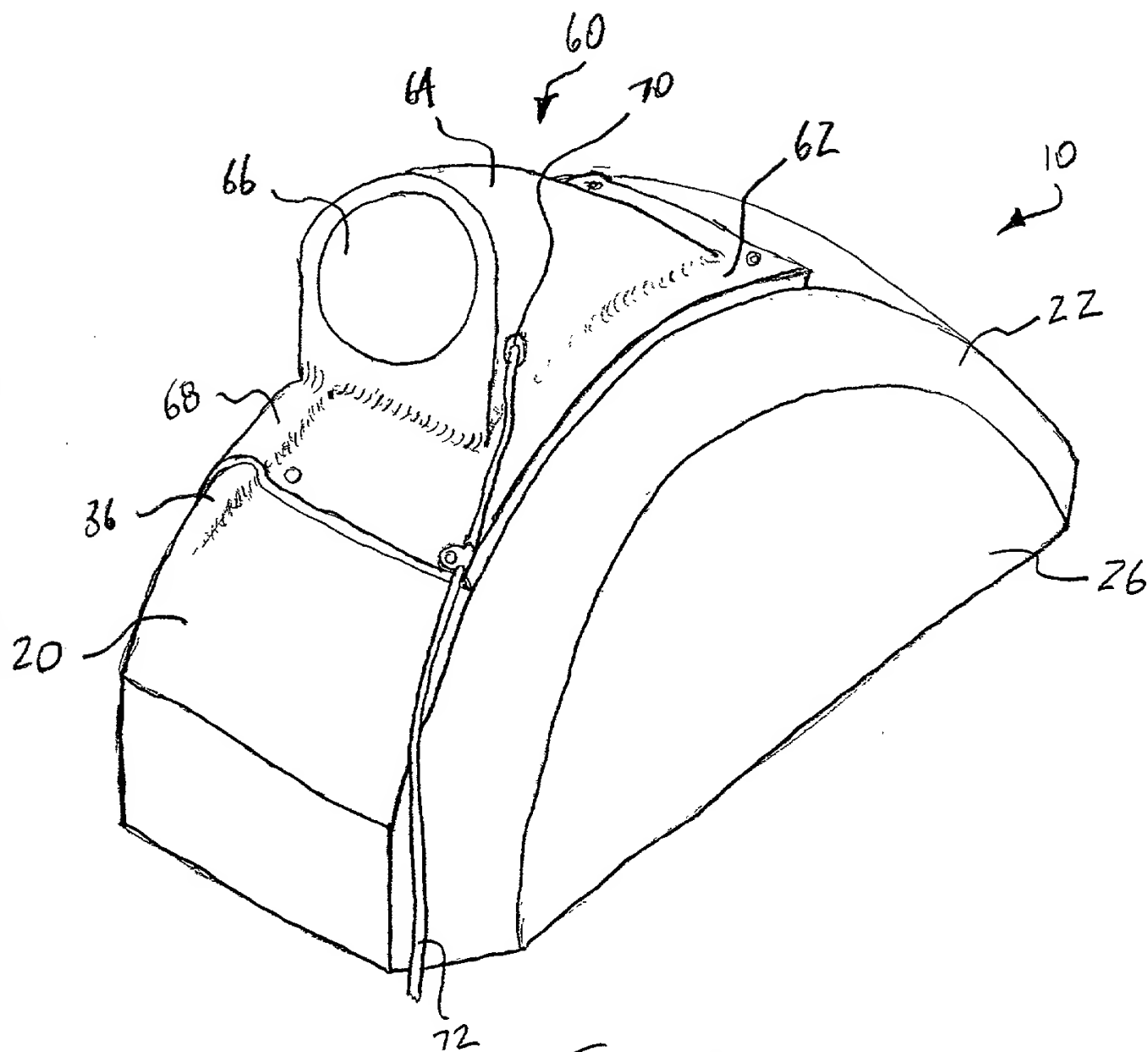


FIG. 8

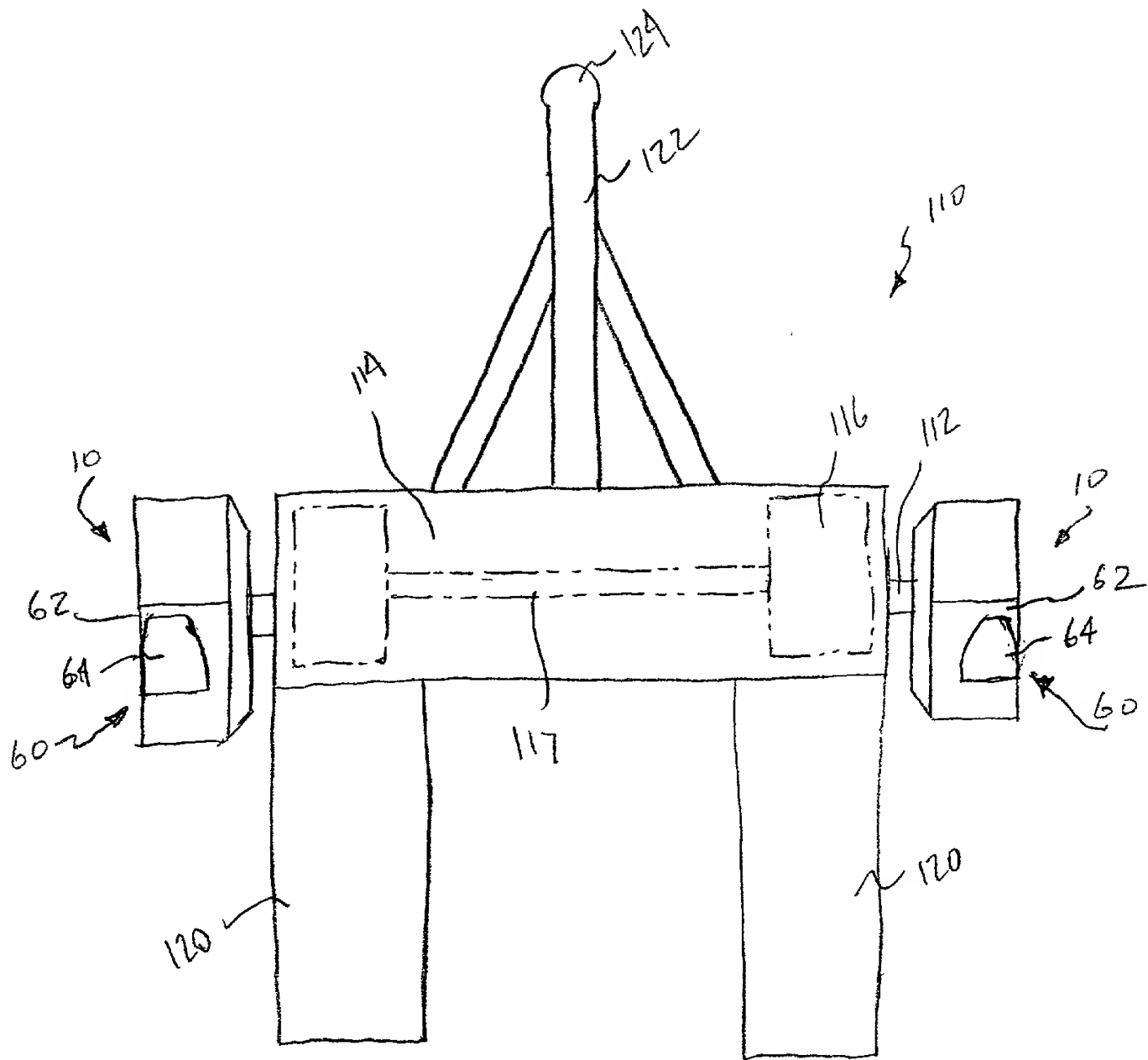


FIG. 15

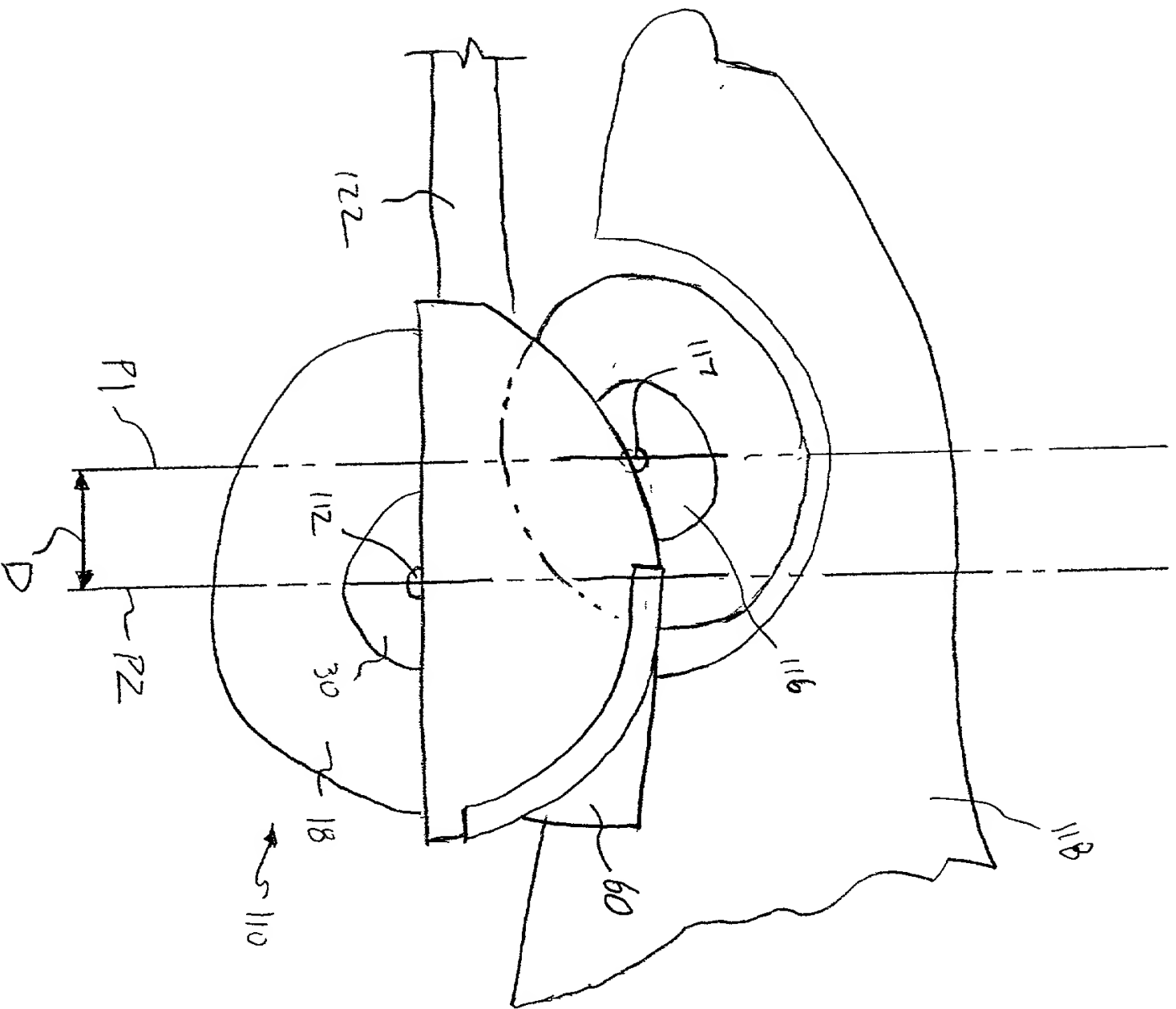


FIG. 16

EXPRESS MAIL NO. EL147382217US
PATENT (U.S.A.)
ATTORNEY'S DOCKET NO. 57111-6072

DECLARATION

☐ ORIGINAL
☒ CONTINUATION
☐ DIVISIONAL

As a below named inventor, I declare that the information given herein is true, that I believe that I am the original, first and sole inventor if only one name is listed at 1 below, or a joint inventor if plural inventors are named below at 1-4, of the invention entitled:

FENDER HAVING OFFSET LIGHT HOUSING

Which is described and claimed in:

- ☒ the attached specification or
☐ the specification in application Serial No. _____ filed _____ ☐ as amended on _____ (if applicable)
(for declaration not accompanying application)

and for which a patent is sought, and that my residence, post office address and citizenship are as stated below next to my name.
I acknowledge my duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations §1.56(a).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 (a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

PRIOR FOREIGN APPLICATION(S)			
COUNTRY	APPLICATION NUMBER	DATE OF FILING (day/month/year)	PRIORITY CLAIMED UNDER 35 UCS §119
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below:

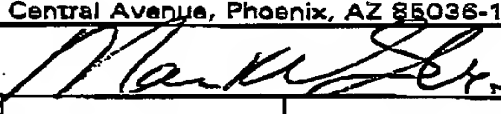
APPLICATION SERIAL NO.	FILING DATE

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §120, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT International filing date of this application:

APPLICATION SERIAL NO.	FILING DATE	STATUS
09/193,010	November 16, 1998	Pending

Send correspondence to:
JEFFER, MANGELS, BUTLER & MARMARO LLP
Tenth Floor
2121 Avenue of the Stars
Los Angeles, California 90067

DIRECT TELEPHONE CALLS TO: Rod S. Berman, Esq.
(Name and telephone number) (310) 203-8080

1	Name of Inventor	LAST NAME SHOEN	FIRST NAME Mark	MIDDLE NAME Vincent	Residence: CITY Phoenix	STATE or COUNTRY Arizona
	Post Office Address 2727 North Central Avenue, Phoenix, AZ 85036-1802				CITIZENSHIP US	
	Signature 			Date 4-17-00		
2	Name of Inventor	LAST NAME	FIRST NAME	MIDDLE NAME	Residence: CITY	STATE or COUNTRY
	Post Office Address				CITIZENSHIP	
	Signature			Date		
3	Name of Inventor	LAST NAME	FIRST NAME	MIDDLE NAME	Residence: CITY	STATE or COUNTRY
	Post Office Address				CITIZENSHIP	
	Signature			Date		
4	Name of Inventor	LAST NAME	FIRST NAME	MIDDLE NAME	Residence: CITY	STATE or COUNTRY
	Post Office Address				CITIZENSHIP	
	Signature			Date		

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Express Mail No. EL14738221US

PATENT
57111-5072

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of:
Mark Vincent SHOEN

Group Art Unit:

Examiner:

Serial No. UNASSIGNED

Filed: HEREWITH

For: FENDER HAVING OFFSET LIGHT HOUSING

POWER OF ATTORNEY BY ASSIGNEE
AND EXCLUSION OF INVENTOR UNDER 37 C.F.R. §3.71Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

The undersigned Gary Klinefelter is a representative authorized to sign on behalf of the assignee of the entire interest in the above-identified subject application, U-Haul International, Inc., and hereby appoints:

ROD S. BERMAN, Reg. No. 31,483, BERNARD R. GANS, Reg. No. 27,443, BRENNAN C. SWAIN, Reg. No. 43,175, and DAVID J. MEYER, Reg. No. 33,425 of the firm of Jeffer, Mangels, Butler & Marmaro LLP as its attorneys to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith, said appointment to be to the exclusion of the inventor and his attorney in accordance with the provisions of 37 C.F.R. §3.71.

U-Haul International, Inc., per 37 C.F.R. §3.73(b), certifies that the evidentiary documents with respect to its ownership have been reviewed and that to the best of the undersigned's knowledge and belief, title is in the assignee seeking this action.


U-Haul International, Inc. declares that 100% ownership is established by the assignment

- ☒ filed herewith
☐ filed for recordation on ____
☐ recorded in the U.S. PTO on ____

a copy of which is attached.

Please direct all telephone calls to Rod S. Berman, Esq. at 310-203-8080 and all correspondence relative to said application to the following address:

Rod S. Berman, Esq.
 JEFFER, MANGELS, BUTLER & MARMARO LLP
 Tenth Floor
 2121 Avenue of the Stars
 Los Angeles, CA 90067

ASSIGNEE	<u>U-Haul International, Inc.</u>
Signature	<u></u>
Typed Name	<u>Gary Klinefelter</u>
Title	<u>Secretary</u>
Address	<u>2727 North Central Avenue</u>
	<u>Phoenix, Arizona 85036-1502</u>

Date 4-19-00